

Patent Abstracts of Japan

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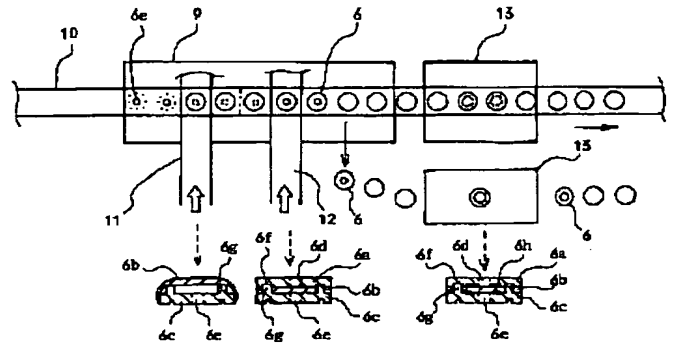
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TITLE : MANUFACTURE OF SAFETY VALVE
OF LITHIUM ION BATTERY



ABSTRACT : PROBLEM TO BE SOLVED: To make a safety valve with high reliability and excellent handlablity excellent in assembly and reduce cost.

SOLUTION: A pitch delivery to a press mold 9 is performed for a long size lower aluminium material 10 in which second through holes 6e are formed at prescribed intervals in the carrier direction. Next, long size metallic foil 11 is synchronized with the carrier operation of the lower aluminium material 10 and the foil 11 is carried to the press mold 9 so as to cross the lower aluminium material 10. Next, a long size upper aluminium material 12 in which first through holes 6d communicatable with the second through holes 6e are formed at prescribed intervals in the carrier direction is synchronized with the carrier operation of the lower aluminium material 10 and the aluminium material 12 is carried to the press mold 9 so as to cross the lower aluminium material 10. Next, the lower aluminium material 10, the long size metallic foil 11 and the upper aluminium material 12 are punched in their laminated states by the press mold 9, and the first and second through holes 6d, 6e are sealed by the long size metallic foil 11.

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